

Our Energy Future



Providing Institution(s)

University California San Diego



Topic(s)

Energy



Geographical reach

Global, Global



Target level of capacity building

Individual



Resource Type

Online course



Resource Language(s)

English (EN) (Automatic translations in other languages)



Resource Date

RESOURCE LINK



Access

DESCRIPTION



This course will cover the current production and utilization of energy, as well as the consequences of this use, examining finite fossil energy reserves, how food and energy are linked, impacts on the environment and climate, and the social and economic impacts of our present energy and food production and use.

After the introductory lectures, we will examine the emerging field of sustainable energy, fuel and food production, emphasizing the importance of developing energy-efficient and sustainable methods of production, and how these new technologies can contribute to replacing the diminishing supplies of fossil fuels, and reduce the consequences of carbon dioxide release into the environment.